

State of Utah

---

# Community Fire Planning

For the Wildland – Urban Interface

## Workbook

Protecting Life, Property, and  
Community Values  
Through  
Community-Based Planning

DATE: \_\_\_\_\_



Department of Natural Resources  
Division of Forestry, Fire and State Lands  
1594 W North Temple, PO Box 145703, Salt Lake City, UT 84114-5703

## INTRODUCTION

Wildfire has been a continuing challenge throughout Utah's history. There are several areas in Utah where there is an extreme danger of wildland-urban fire. In fact, any fire over 100 acres threatens some structure due to the increase in development into wildland areas. Over 400 of Utah's communities have been classified as "at risk" of wildfire. The safety of the citizens of any community is a shared responsibility between the citizens; the owner, developer or association; and the local, county, state and federal governments. **The primary responsibility, however, remains at the citizen/owner and association level.**

### **The following problems have increased the wildland-urban interface wildfire risk:**

- Desire to live in a secluded area surrounded by natural vegetation without defensible space.
- Homes are built of flammable materials (wood siding, shakes and patios).
- Fire equipment is hampered from protecting an area because of long, narrow, winding, or steep driveways.
- Distance from fire departments.
- One ingress and egress road in subdivisions and some communities.
- Misperception that fire protection in rural areas is equal to urban fire protection services.
- Inadequate water supply.
- Poor signage and access to residences.
- No hazard planning for evacuation and no early warning systems.
- Utility service lines and propane tanks.

### **The purpose of community fire planning is to...**

- Empower communities to organize, plan, and take action on issues impacting community safety
- Enhance levels of fire resistance and protection to the community
- Identify the risks of wildland/urban interface fires in the area
- Identify strategies to reduce the risks to homes and businesses in the community during a wildfire.

## OBJECTIVES OF COMMUNITY FIRE PLANNING IN UTAH

- Facilitate organization of citizen fire councils to guide planning and coordinated action
- Improve community safety through:
  - ✓ Coordination
  - ✓ Education
  - ✓ Training
  - ✓ Fuel modification
  - ✓ Fire Prevention
  - ✓ Public Safety
- Enhance fire protection through:
  - ✓ Improved fire prevention and public education
  - ✓ Improved coordination within the community
  - ✓ Development of long-term strategies
- Reduce the potential for and the consequences of wildfire.

## STATEMENT OF LIABILITY

The activities suggested by this guidance document, the assessments and recommendations of fire officials, and the plans and projects outlined by the citizen fire council, are made in good faith according to information available at this time. The community wildfire committee is responsible for the actions taken under this plan. The Utah Division of Forestry, Fire and State Lands can make no guarantees regarding the level of success users of this plan will experience. Wildfire still occurs, despite efforts to prevent it or contain it; the intent of all decisions and actions made under this plan is to reduce the potential for and the consequences of wildfire.

## ABOUT THIS DOCUMENT

This document provides the outline for and specifies the information recommended for inclusion in a wildfire plan. If possible, the community should create its own document using a word-processing program, following the format outlined here; however, this workbook format has been created to provide whatever assistance possible in facilitating this process.

### **Introduction -- Partnerships and Collaboration**

Depending on where the community is located, various federal and state partners will be involved. This section outlines who was involved in identifying the risks and treatments within and around the community.

### **Part I – Community Description**

The community description identifies community resources that can be used to complete the goals of the plan, and a physical description of the community to guide wildfire preparation and response decisions.

### **Part II – Community Prescription**

The community prescription includes the goals of the plan, identifies specific actions needed to complete the goals of the wildfire plan and identifies responsible parties, resources and priorities.

### **Part III – Resources**

This section contains a list of wildfire preparation and response resources that are selected by the community for retention in a community wildfire reference library.

### **Part IV – Technical Assessments**

This section includes fire officials' assessments and ratings of the wildfire hazard in the community, and their recommendations for actions to mitigate hazards.

### **Appendix**

The information to be included in the appendix is primarily determined by the community and fire officials: data, assessments, maps, contact lists, project worksheets – whatever might prove useful to the community.

## RESOURCES

For resources to complete a wildfire plan for your community, consider organizations such as the following:

- |  |  |
|--|--|
| ✓ Local / Primary fire protection provider               | ✓ County fire agencies                 |
| ✓ Local Resource, Conservation and Development Districts | ✓ County emergency management services |
| ✓ Utah Division of Forestry, Fire and State Lands        | ✓ American Red Cross                   |
| ✓ Utah State Fire Marshal (Dept. of Public Safety)       | ✓ USDA Forest Service                  |
| ✓ Utah Comprehensive Emergency Management                | ✓ U.S. Department of Interior Agencies |
| ✓ Utah Living With Fire                                  | ✓ Utah Resource Conservation Districts |
| ✓ FireWise   | ✓ Utah Soil Conservation Districts     |

Contact information for some of the above-listed agencies is included in the back of this document.

For information concerning the Community Fire Planning guidance document, contact the Utah Division of Forestry, Fire and State Lands, P.O. Box 145703, Salt Lake City, Utah 84114-5703. Or, e-mail [tyreholfeltz@utah.gov](mailto:tyreholfeltz@utah.gov). The Community Fire Planning guidance document is available at <http://www.ffsl.utah.gov/firemgt/WUI/CFP/CFP-workbook3.doc>.

**Completed Community Fire Plans should be submitted to your local Area Manager or Fire Management Officer from the Utah Division of Forestry, Fire and State Lands.**

## ACKNOWLEDGMENTS

The Utah Division of Forestry, Fire and State Lands would like to thank Kathy Hammons and Janet Johnson of Community Solutions, Inc. for their input and work on this document. The Division also appreciates those agencies whose publications inspired the creation of this document, such as the Pennsylvania Model Prevention, Pre-suppression and Preparedness Plan, the Colorado State Forest Service Wildfire Hazard Mitigation and Response Plan, the Big Sky Fire Management Strategy, Utah's Wildland-Urban Interface Fuel Load Reduction Community Level Protection document, and others. Finally, thanks to Arthur W. DuFault, former Utah State Forester and National Fire Plan Coordinator, who initiated this endeavor for the State of Utah.

## Utah Community Fire Planning

### Community Fire Planning Checklist

#### INSTRUCTIONS

This checklist is provided to help the community track its progress in development of its community wildfire plan. The Community Wildfire Council is responsible for completing Sections I and II; fire officials are responsible for completing Section IV. Section III and the Appendix should be a joint effort between the community and fire officials.

It is requested by state fire officials that the structure of the community fire plan follow this outline; this will provide continuity among Utah's community fire plans, and facilitate information sharing in emergency situations.

**Community:** \_\_\_\_\_ **County:** \_\_\_\_\_

**Primary Contact:** \_\_\_\_\_ **Phone:** \_\_\_\_\_

**Secondary Contact:** \_\_\_\_\_ **Phone:** \_\_\_\_\_

Section		Completed (√)	Date
<b>I.</b>	<b>Community Description</b>		
	Declaration and Concurrence		
	Planning Committee Members List		
	Community Legal Structure		
	Population		
	Values at Risk		
	Natural Resources at Risk		
	Commercial Entities		
	Formal Associations		
	Media Support		
	Schools		
	Transportation (Railroad, Highway)		
	Private Emergency Service and Equipment Capabilities		
	Restricting Covenants, Ordinances		
	Insurance Rating		
	<b>Physical Description</b>		
	Access		
	Roads		
	Driveways		
	Structures		
	Bridges, Culverts, Gates		
	Utilities		
	Sewage System		

## Utah Community Fire Planning

Section		Completed (√)	Date
<b>II.</b>	<b>Community Prescription</b>		
	Goals of Plan		
	Identification of Actions		
	Identification of Responsible Parties, Resources, and Priorities		
<b>III.</b>	<b>Resources</b>		
	List of resources available in a community wildfire reference library.		
<b>IV.</b>	<b>Technical Assessments</b>		
	<b>A. Community Description</b>		
	Area		
	Topography and Vegetation		
	Infrastructure		
	Water Supply		
	Emergency Services / Equipment Capabilities		
	<b>Hazard Evaluation</b>		
	Area Fire History		
	Subdivision Hazard Rating		
	Property / Structure Ratings		
	Expected Fire Behavior		
	<b>B. Community Prescription</b>		
	Fuel Modification Projects		
	Infrastructure Improvements		
	Education		
	Wildfire Response / Pre-Attack Plan		
	Monitoring and Evaluation		
	Evacuation Plan		
	<b>Appendices</b>		
	Emergency contact lists		
	Technical Assessments		
	Maps (topography, escape routes, etc.)		

## Utah Community Fire Planning

### INSTRUCTIONS

#### Declaration and Concurrence Page

This list needs to be customized to the individual plan. Provide the names and affiliations of all fire partners. This page will then be signed after all fire partners have reviewed the plan and concur with its contents. Fire partners should include – but are not limited to – homeowners, developers, home association representatives, fire department personnel, police, emergency management, Forest Service, BLM, etc. An Area Manager or Fire Management Officer from the Utah Division of Forestry, Fire and State Lands must be included.

### SAMPLE

Name / Affiliation:	<u>Richard Dixon, Developer</u>	
Signature:	<u>Richard Dixon</u>	Date: <u>03/31/02</u>

Name / Affiliation: \_\_\_\_\_

Signature: \_\_\_\_\_ Date: \_\_\_\_\_

Name / Affiliation: \_\_\_\_\_

Signature: \_\_\_\_\_ Date: \_\_\_\_\_

Name / Affiliation: \_\_\_\_\_

Signature: \_\_\_\_\_ Date: \_\_\_\_\_

Name / Affiliation: \_\_\_\_\_

Signature: \_\_\_\_\_ Date: \_\_\_\_\_

Name / Affiliation: \_\_\_\_\_

Signature: \_\_\_\_\_ Date: \_\_\_\_\_

Name / Affiliation: \_\_\_\_\_

Signature: \_\_\_\_\_ Date: \_\_\_\_\_

Name / Affiliation: \_\_\_\_\_

Signature: \_\_\_\_\_ Date: \_\_\_\_\_

Name / Affiliation: \_\_\_\_\_

Signature: \_\_\_\_\_ Date: \_\_\_\_\_

## Utah Community Fire Planning

### *Declaration and Concurrence Page, continued*

Name / Affiliation: \_\_\_\_\_

Signature: \_\_\_\_\_ Date: \_\_\_\_\_

Name / Affiliation: \_\_\_\_\_

Signature: \_\_\_\_\_ Date: \_\_\_\_\_

Name / Affiliation: \_\_\_\_\_

Signature: \_\_\_\_\_ Date: \_\_\_\_\_

Name / Affiliation: \_\_\_\_\_

Signature: \_\_\_\_\_ Date: \_\_\_\_\_

Name / Affiliation: \_\_\_\_\_

Signature: \_\_\_\_\_ Date: \_\_\_\_\_

Name / Affiliation: \_\_\_\_\_

Signature: \_\_\_\_\_ Date: \_\_\_\_\_

Name / Affiliation: \_\_\_\_\_

Signature: \_\_\_\_\_ Date: \_\_\_\_\_

Name / Affiliation: \_\_\_\_\_

Signature: \_\_\_\_\_ Date: \_\_\_\_\_

Name / Affiliation: \_\_\_\_\_

Signature: \_\_\_\_\_ Date: \_\_\_\_\_

Name / Affiliation: \_\_\_\_\_

Signature: \_\_\_\_\_ Date: \_\_\_\_\_

Name / Affiliation: \_\_\_\_\_

Signature: \_\_\_\_\_ Date: \_\_\_\_\_

**INTRODUCTION  
PARTNERSHIPS AND COLLABORATION**

*Sample paragraph—Please briefly describe surrounding lands and the partners involved in coordinating the treatments identified in the Community Fire Plan. This section can be added to as new projects and partners are developed.*

*The community of Utopia is adjacent to Shangri-La National Forest land with dense timber stands covering three-fourths of the surrounding land. The understory is also dense and could provide ladder fuels to create a catastrophic crown fire. District Ranger Paul D. Quicken and Fire Management Officer Tom L. Cowry have attended multiple community meetings to explain the fuels situation on adjacent public land. State Forester Steven O. Lucken, Fire Chief Ed M. Triton, and the Forest Service staff have been instrumental in working with the community to identify high-risk areas and treatment priorities for multi-jurisdictional projects. The community is working with the federal agency, the state and the county to implement the fuel treatments identified in the fire plan in order to reduce the overall fire risk.*

*Two projects have been identified as priorities by the community and various agencies for the adjacent Forest Service land. One is a 7-mile long fuel break that crosses from the southern border of the community into Forest Service land. Another is a thinning treatment on the west side due to dense understory and high density of timber. A combination of mechanical treatments, hand crews and goats (for maintenance) will be utilized throughout both projects.*

## Utah Community Fire Planning

### PART I COMMUNITY DESCRIPTION

**Directions:** *This section is to be completed by the Community Wildfire Committee. A community description identifies community resources that can be used to complete the goals of the plan, as well as a physical description of the community that can help impact wildfire preparation and response decisions.*

#### INSTRUCTIONS

##### 1. Planning Committee Members List

List the names, affiliations and phone numbers of the planning committee members, i.e. residents, council members, sheriff.

Name	Affiliation	Phone Number	E-mail

## Utah Community Fire Planning

### INSTRUCTIONS

#### 2. Community Legal Structure

List the government entities associated with the community – city, town, unincorporated, special service district, homeowner association(s), other. Part of the purpose in this exercise is to help identify organizations through which grant funding – federal, state or other – can be channeled.

Organization	Contact Person	Phone Number	E-mail

### INSTRUCTIONS

#### 3. Population

Provide information regarding the population of the area.

Approximate number of homes: \_\_\_\_\_

Approximate number of lots: \_\_\_\_\_

Approx. number of commercial entities: \_\_\_\_\_

Approximate number of full-time residents: \_\_\_\_\_

Approximate number of part-time residents: \_\_\_\_\_

Approx. visitor population during fire season: \_\_\_\_\_

### INSTRUCTIONS

#### 4. Estimated Values at Risk

Provide an approximation of the estimated current values of residential and commercial property in the subdivision. The County Assessor should be able to assist with this information.

The estimated values at risk of residential and commercial property in the year 20\_\_\_\_ are approximately

\$\_\_\_\_\_.

## Utah Community Fire Planning

### INSTRUCTIONS

#### 5. Natural Resources at Risk

Describe the natural resources at risk in the subdivision and surrounding area, such as watershed, forest products, wildlife, recreation tourism, etc.


### INSTRUCTIONS

#### 6. Commercial Entities

List contact information for commercial entities in the area (not just in the subdivision).

Organization	Contact Person	Phone Number	E-mail	Address

## Utah Community Fire Planning

### INSTRUCTIONS

#### 7. Formal Associations

List contact information for civic groups, churches, volunteer organizations, senior citizen groups, youth groups, etc.

Organization	Contact Person	Phone Number	E-mail

### INSTRUCTIONS

#### 8. Media Support

List contact information for local media, such as newspapers, newsletters, television, radio, websites, etc.

Organization	Contact Person	Phone Number	E-mail

## Utah Community Fire Planning

### INSTRUCTIONS

#### 9. Schools

List contact information for all public and private schools in the community.

School	Contact Person	Phone Number	E-mail	Address

### INSTRUCTIONS

#### 10. Transportation

List contact information for any railroad, highway, or other public transportation routes or means in the community.

Organization	Contact Person	Phone Number	E-mail

## Utah Community Fire Planning

### INSTRUCTIONS

#### 11. Private Emergency Services and Equipment

List privately owned equipment and services available for wildfire response (such as tow trucks, bulldozers, etc.), with contact information. If such services or equipment are already contracted under the County Mobilization Plan, they should not be listed here.

Type of Equipment	Contact Person	Phone Number	E-mail	Address

### INSTRUCTIONS

#### 12. Restricting Covenants, Ordinances, etc.

Describe any pertinent restricting covenants, ordinances, etc. concerning wildfire in the community. For example, home association bylaws may have requirements regarding building construction materials or vegetation removal, or regarding access in a gated community.

Source	Details

### INSTRUCTIONS

#### 13. Insurance Rating

Provide the current insurance rating for the community. (The community's primary fire protection provider should be able to assist with this information.) (Site the source of the insurance rating.)

Fire Insurance Rating: \_\_\_\_\_

## Utah Community Fire Planning

### INSTRUCTIONS

#### 14. PHYSICAL DESCRIPTION

While completing the following assessments of the community, consider the height, width, weight, and turnaround needs of emergency equipment. Exact clearance requirements may vary by community.

Road clearance height	$\geq 13'6''$	Dead end street turnaround	$\geq 100'$ diameter
Road clearance width	$\geq 20'$	Bridge/culvert weight limit	$\geq 20$ tons per axle
Driveway clearance height	$\geq 13'6''$	Driveway turnarounds*	$\geq 30'$ (inside turning radii), 45' (outside)
Driveway clearance width	$\geq 12'$	Driveway turnouts**	$\geq 10'$ wide and 30' long
		* for driveways in excess of 150' in length	
		** for driveways in excess of 200' in length and less than 20' in width	

### INSTRUCTIONS

#### A. Access

Provide detailed information regarding access to the community, including all-weather and seasonal access.

i. Directions to community:


ii. All-weather access:


iii. Seasonal access:


## Utah Community Fire Planning

### INSTRUCTIONS

#### B. Roads

Provide information regarding the condition and types of roads in the community. Percentages are ideal, but general estimations are sufficient.

- i. ( No / few / some / most / all ) road signs are present.
- ii. \_\_\_\_\_% are pavement; \_\_\_\_\_% are gravel; \_\_\_\_\_% are dirt
- iii. ( Most / All ) will support [#] \_\_\_\_\_ of traffic.
- iv. ( None / Some / All ) are loop roads.
- v. ( None / Some / All ) are dead-end roads. Of these, ( most / all ) have ( adequate / inadequate ) turnaround space available at the end of the road for emergency equipment (based on turning radius listed in front of this section.)

### INSTRUCTIONS

#### C. Driveways

Provide a general assessment of the driveways in the community, in regard to emergency equipment (based on height and width information listed in front of this section) and emergency response.

- i. Most driveways width and height clearance, road grades and vegetation appearance are ( adequate / inadequate ) for emergency equipment.
- ii. ( No / few / many / most / all ) individual homeowners have posted their name and address.

### INSTRUCTIONS

#### D. Structures

Assess the community in regard to building structures and wildfire hazard – construction materials, visibility, etc. Percentages are ideal, but general estimations are sufficient.

- i. ( None / few / some / many / most / all ) are of wood-frame construction.
- ii. ( None / few / some / many / most / all ) have wood decks or porches.
- iii. ( None / few / some / many / most / all ) have wood shake or shingle roofs.
- iv. ( None / few / some / many / most / all ) are visible from the main subdivision road.

## Utah Community Fire Planning

### INSTRUCTIONS

#### E. Bridges, Gates, Culverts, other

Assess the community's infrastructure for potential obstacles to emergency response. Consider weight, height, and width information of emergency vehicles as listed in front of this section.

- i. ( No / Some / All ) bridges support emergency equipment.
- ii. ( No / Some / All ) gates provide easy access to emergency equipment.
- iii. ( No / Some / All ) culverts are easily crossed by emergency equipment.

### INSTRUCTIONS

#### F. Utilities

Assess and provide information on the utilities serving the community, in regard to wildfire hazard and emergency response capabilities.

- i. Telephone service is ( below / above ) ground.

Provided by: \_\_\_\_\_ Telephone number: \_\_\_\_\_

- ii. Electrical service is ( below / above ) ground.

Provided by: \_\_\_\_\_ Telephone number: \_\_\_\_\_

- iii. Are there homes/structures utilizing propane? Yes / No

If yes: \_\_\_\_\_% of those propane tanks are above ground

If some are above ground: \_\_\_\_\_% are marked with a flag or by other highly visible means

List locations of those propane tanks above ground:


- iv. Are there homes/structures utilizing natural gas? Yes / No

- v. Primary water sources

Approximately \_\_\_\_\_% of homes use central water system.

Approximately \_\_\_\_\_% of homes use individual wells.

Approximately \_\_\_\_\_% of homes have additional private water source.

Water provided by: \_\_\_\_\_ Telephone number: \_\_\_\_\_

## PART II: COMMUNITY PRESCRIPTION

**Directions:** *This section is to be completed by the Community Wildfire Committee. A community prescription includes the goals of the plan, identifies specific actions needed to complete the goals of the wildfire plan and identifies responsible parties, resources and priorities.*

### INSTRUCTIONS

#### 1. Goals of Plan

Provide a brief statement of the goals of the Community Wildfire Plan. **Each plan must address the following: Fuel Reduction, Facilities and Equipment, Education, Emergency Response Plan, Regulatory Issues, and Evaluation and Maintenance.**

**The fuel reduction projects can identify goals for projects on both private and public land.\*\***

#### 2. Identification of Actions

Describe projects that need to be done to complete the goals of the plan, and to perform annual and periodic maintenance of the plan.

#### 3. Identification of Responsible Parties, Resources and Priorities

Outline how the actions described in Item 2 will be accomplished, by listing responsible parties (person or organization who is responsible for each action), a timeline agreed upon by the community council and interested parties, and priorities (designating of each action as high, medium or low priority).

**\*\*** The Healthy Forest Restoration Act of 2003 is a federal act that gives priorities to projects identified in a community fire plan. When communities identify fuel mitigation projects on adjacent public lands that would increase the likelihood of the community's wellbeing, this allows the federal agencies to plan, process and implement projects on these public lands in an expedited manner.

### GOALS/PURPOSE OF PLAN

- A. Community will decrease fuels within the community to reduce wildfire intensity and impact in and around the community.
- B. Community will work with county, state and federal fire officials to decrease fuels on adjacent public lands to reduce wildfire intensity and impact in and around the community
- C. Community will evaluate, upgrade and maintain community wildfire preparation and response facilities and equipment.
- D. Community will help educate community members to prepare for and respond to wildfire.
- E. Community will develop and implement a comprehensive emergency response plan.
- F. Community will actively address identified regulative issues impacting community wildfire prevention and response needs.
- G. Community will regularly evaluate, update and maintain planning commitments.

## Utah Community Fire Planning

(EXAMPLES)

**Goal A: Community will decrease fuels within the community to reduce wildfire impact in and around the community.**

Action(s):	Timeline:	Responsible Party:	Priority:
<i>Ex 1. Individual lot clean up and creation of defensible space</i>	<i>Ongoing</i>	<i>Fire Council/FFSL/FD/FS</i>	<i>High</i>

Notes and Updates:

**Goal B: Community will work with county, state and federal fire officials to decrease fuels on adjacent public lands to reduce wildfire intensity and impact in and around the community.**

Action(s):	Timeline:	Responsible Party:	Priority:
<i>Ex 1. Perimeter fuelbreak will be situated along the southern border due to heavy fuels and topography –2 miles on private and 5 miles on FS land</i>	<i>Summer/Fall 2005</i>	<i>Fuels subcommittee/FS/FFSL</i>	<i>High</i>

Notes and Updates:

**Goal C: Community will evaluate, upgrade and maintain community wildfire preparation and response facilities and equipment**

Action(s):	Timeline:	Responsible Party:	Priority:
<i>Ex 1. For address and road signs: Collect 3 bids for metal signs with reflective lettering</i>	<i>Fall 2004</i>	<i>Fire Council Committee</i>	<i>Medium</i>

Notes and Updates:

## Utah Community Fire Planning

### Identification of Goals and Actions

(Copy page as needed)

**Goal:**

Action(s):	Timeline:	Responsible Party:	Priority:

Notes and Updates:

**Goal:**

Action(s):	Timeline:	Responsible Party:	Priority:

Notes and Updates:

**Goal:**

Action(s):	Timeline:	Responsible Party:	Priority:

Notes and Updates:

**Goal:**

Action(s):	Timeline:	Responsible Party:	Priority:

## Utah Community Fire Planning

### PART III: RESOURCES

**Directions:** *This section is to be completed through joint effort between the Community Wildfire Committee and fire officials. This section will contain a list of wildfire preparation and response resources that are selected by the community for retention in a community wildfire reference library.*

#### INSTRUCTIONS

##### List of Resources

List wildfire preparation and response resources to be retained in a community wildfire reference library, such as brochures, leaflets, books, magazines, videos, charts, etc.

#### SAMPLE

##### Informational Materials

###### General Fire Prevention

- “Are You Living in the Red?” pamphlet (Utah Fire Assessment Project: Bureau of Land Management et.al.)
- “How to Protect Your Home: It Could Happen to You” (USDA Forest Service)
- “How to Reduce Wildfire Risk” Tree City USA Bulletin (The National Arbor Day Foundation)
- “Living With Fire” video and pamphlet (Utah Living With Fire)
- “Protect Your Hide-away Home” pamphlet (Utah Department of Natural Resources)
- “Protecting Residences from Wildfire” (USDA Forest Service)
- “Protecting Your Home Against Wildfire” video (National Wildfire Coordinating Group)

###### Landscaping/Building

- “Firewise Plants for Utah Landscapes” Utah Forest Facts newsletter (Utah State University Extension)
- “How to Landscape for Safer Hillside Living” pamphlet (Los Angeles City Fire Department)

###### Community Planning

- “Community Involvement in Fire Prevention” (Fire Management Notes Vol. 42)
- “Community Planning: An Introduction to the Comprehensive Plan” (Kelly, Becker; Island Press)
- “County Land Use Planning: How Can Planners Help the Fire Services in Protecting Homes from Wildfire” (USDA Forest Service, General Technical Report INT 251)
- “Development Strategies in the Wildland/Urban Interface” (Western Fire Chiefs Association)
- “The Greenbelt Concept: Safeguarding Your Community with Planning Buffer Zones” (American Fire Journal)

###### Evacuation Planning

- “Fire Alert, Warning and Evacuation” guidance document (Utah Div. of Emergency Services & Homeland Security)

##### Websites

- Utah’s Forestry, Fire and State Lands—<http://www.ffsl.utah.gov>
- FireWise Home Page -- <http://www.firewise.org>
- Forest Service Fire Management Website -- <http://www.fs.fed.us/r3/sfe/fire/index.html>
- Insurance Services Office (town fire ratings) -- <http://www.isomitigation.com/>
- National Fire Protection Association -- <http://www.nfpa.org>
- National Interagency Fire Ctr, Wildland Fire Prevention/Education – <http://www.nifc.gov/preved/rams.html>
- U.S. Department of Agriculture “How to Get Information” (contacts) – <http://www.usda.gov/news/howto/nre.htm>
- Utah BLM Fire Management Website – <http://www.ut.blm.gov/fire/Assessment/assessment.html>
- Utah Twenty-First Century Communities Program - <http://utahreach.usu.edu/comm21/index.htm>

## Utah Community Fire Planning

### Resources

#### Informational Materials:


#### Websites:

FireWise Home Page -- <http://www.firewise.org>  
Forest Service Fire Management Website -- <http://www.fs.fed.us/r3/sfe/fire/index.html>  
Insurance Services Office (town fire ratings) -- <http://www.isomitigation.com/>  
National Fire Protection Association -- <http://www.nfpa.org>  
National Interagency Fire Ctr, Wildland Fire Prevention/Education – <http://www.nifc.gov/preved/rams.html>  
U.S. Department of Agriculture “How to Get Information” (contacts) – <http://www.usda.gov/news/howto/nre.htm>  
Utah BLM Fire Management Website – <http://www.ut.blm.gov/fire/Assessment/assessment.html>  
Utah Twenty-First Century Communities Program - <http://www.dced.state.ut.us/21century/index.htm>

<a href="http://www.utahfireinfo.gov">http://www.utahfireinfo.gov</a>
<a href="http://www.independentsector.org">http://www.independentsector.org</a>

## Utah Community Fire Planning

### PART IV: TECHNICAL ASSESSMENTS

**Directions:** *This section is to be completed in conjunction with fire officials. Include any technical data and information which will support or supplement the information provided by the Community in Parts I and II. Specific information is requested in order to provide consistency among fire plans within the state.*

#### INSTRUCTIONS

##### A. Community Description

Fire officials are to provide detailed assessments and information regarding this community. Documentation from assessments, ratings, surveys, etc. should be included in the Appendix, along with maps.

##### 1. Physical Description

###### a. Area

Legal description:


USGS Map Quadrangle (optional):

VOR RAD distance (optional):

###### b. Topography and Vegetation

Slope

Average \_\_\_\_\_%      Range \_\_\_\_\_% to \_\_\_\_\_%

Aspect (predominate)                      (Cardinal direction)

Describe the vegetation in the area:


## Utah Community Fire Planning

### c. Water Supply

#### Ponds / Creeks / other natural water sources:

Type: Pond / Creek	Location / GPS Coordinates	Status: Permanent / Intermittent	Helicopter Access?	Pump Required?	# Gallons or CFS*

*\* Ponds: measure 1000's of gallons; Creeks: measure in cfs during fire season*

#### Hydrants:

Location	Type: Dry / Pressurize	Data: *TP&S	GPM (max.) Output	Comments

*\* Thread Pressure and Size*

#### Water Tanks / Other available water storage: (underground cisterns, swimming pools, etc.)

Location	Access	# of gallons*	Responsible Entity	Phone / E-mail

*\* measure 1000's of gallons*

## Utah Community Fire Planning

### d. Emergency Services / Equipment Capabilities

Describe the types of emergency services and equipment available from local, county, state and federal resources.

911 Services:	
Local:	
County:	
State:	
Federal:	

## 2. Hazard Evaluation

### a. Area Fire History

Month/Year of fire	Ignition point	Ignition source	Acres burned

### b. Subdivision rating

The subdivision is rated (low / moderate / high / severe / extreme) for wildfire hazard.

(Documentation for this rating should be included in the Appendix.)

### c. Property / Structure Rating

All lots will be rated for wildfire hazard, as arranged by the Fire Council with fire officials and as permitted by the owners. The estimated time of completion for all ratings is \_\_\_\_\_.

Documentation of individual property ratings should be included in the Appendix.

**d. Expected Fire Behavior**

Describe expected fire behavior. Detailed documentation should be included in the Appendix.


## Utah Community Fire Planning

### INSTRUCTIONS

#### B. Community Prescription

Based on the information collected, provide recommendations for action under each of the following categories. Fuel modification project plans should include recommendations for ongoing maintenance.

##### 1. Fuel Modification Projects

Project(s) (briefly identify)	Timeframe	Person in Charge

##### 2. Infrastructure Improvements (Utilities, Water Developments, Equipment Acquisition / Repair, etc.)

Project(s) (briefly identify)	Timeframe	Person in Charge

##### 3. Education

Goal(s) (briefly identify)	Timeframe	Person in Charge

## Utah Community Fire Planning

### 4. Wildfire Response / Pre-Attack Plan

**A Pre-Attack Plan should be in place, with a detailed description attached.** It should address the following:

<ul style="list-style-type: none"> <li>Emergency notification procedures</li> <li>Fire protection responsibilities among agencies (private, state, federal lands; response times)</li> <li>Command responsibilities</li> <li>Pre-determined locations for...                             <ul style="list-style-type: none"> <li>Command Post</li> <li>Staging Areas</li> <li>Safety Zones</li> <li>Helibase / Helispots</li> </ul> </li> </ul>	<ul style="list-style-type: none"> <li>Factors in determining evacuation vs. shelter-in-place</li> <li>Traffic Control</li> <li>Briefing of personnel on safety and hazards</li> <li>Determining Operational Mode</li> <li>Determining resource needs (aircraft, mechanized, hand crews, water / chemical delivery systems)</li> <li>Determining assignments (reconnaissance, medical suppression, rehab)</li> </ul>
--	--

Goal(s) (briefly identify)	Timeframe	Person in Charge

### 5. Monitoring and Evaluation

Goal(s) (briefly identify)	Timeframe	Person in Charge

## APPENDIX

### INSTRUCTIONS

This section is to be filled as needed by both the Community Wildfire Council and fire officials. Items can include, but are not limited to:

- Contact Lists
- Assessment Project Worksheets
- Maps
- Homeowner Checklists
- Examples / Sample documents
- Glossary

### SAMPLE

#### Appendix A – Contact Lists

Utah Division of Forestry, Fire and State Lands  
USDA Forest Service Districts  
Emergency Call-Down List  
Forest Products Directory

#### Appendix B - Maps

Topography  
Boundaries  
Vegetation/Fuel Types (Hazard area)  
Escape routes  
Safety zones

#### Appendix C – Assessments / Worksheets

Defensible Space Assessment Worksheets  
Wildfire Hazard Rating Form  
Wildland Urban Interface Project Sheet (funding)

#### Appendix D – Checklists / Homeowner Information

Fire Disaster Potential Checklist for Homeowners  
Fire Disaster Potential Checklist for Developers  
Landscaping and Defensible Space Checklist  
Construction Checklist  
Fire Resistant Plants  
Emergency Response checklist  
Zoning recommendations checklist

#### Appendix E – Other

Wildfire Glossary  
Sample County Fire Ordinances

## Utah Community Fire Planning

### Appendices

#### Appendix A:

Contents:


#### Appendix B:

Contents:


#### Appendix C:

Contents:


#### Appendix D:

Contents:


#### Appendix E:

Contents:
